

CLAIMS

1. A vegetation block comprising a block main body formed out of concrete; and an outer layer body
5 constituted by forming, into a mat shape, a fiber aggregate which is located on an outer surface of the block main body during the forming of the block main body and which enables growth of a plant,

characterized in that the outer layer body is
10 formed into a mat shape by inserting many needles into the stacked fiber aggregate from the upper side thereof and pressing the needles.

2. The vegetation block according to claim 1,
15 characterized in that natural rubber is sprayed to the mat-shaped fiber aggregate.

3. The vegetation block according to claim 1 or 2, characterized in that the outer layer body is
20 constituted by die-forming the mat-shaped fiber aggregate into a shape similar to that of the outer surface of the block main body.

4. The vegetation block according to claim 1 or
25 2, characterized in that the outer layer body is constituted by mixing thermoplastic polymer fibers in the fiber aggregate and then die-forming the mat-shaped fiber aggregate into a shape similar to that of the outer surface of the block main body while heating the same.

5. The vegetation block according to any one of claims 1 to 4, characterized in that the aggregates of uniform grain sizes are used as the aggregates of the concrete, and a porosity of the concrete is set to be 10 to 25%.

6. The vegetation block according to claim 5, characterized in that the aggregates of grain sizes classified within a sieve range of 10 nm to 25 nm are used as the aggregates.

7. The vegetation block according to any one of claims 1 to 6, characterized in that the fiber aggregate contains at least one of plant seeds, a fertilizer, and a water retainer.

8. The vegetation block according to claim 7, characterized in that paper pulp is used as the water retainer.

9. The vegetation block according to any one of claims 1 to 8, characterized in that vegetable fibers are used as fibers of the fiber aggregate.

10. The vegetation block according to any one of claims 1 to 9, characterized in that a reinforcing member is embedded in the block main body.

11. The vegetation block according to claim 10, characterized in that the reinforcing member is provided

with a connection portion which outwardly projects from the block main body and which is connectable to the adjacent block main body.

5 12. The vegetation block according to claim 11, characterized in that the connection portion is formed into a ring shape.

10 13. An outer layer body for a vegetation block constituted by forming, into a mat shape, a fiber aggregate which is located on an outer surface of a block main body formed out of concrete during the forming of the block main body and which enables growth of a plant,
15 the outer layer body being formed into a mat shape by inserting many needles into the stacked fiber aggregate from the upper side thereof and pressing the needles, the mat-shaped fiber aggregate being die-formed into a shape similar to that of the outer surface of the block main body.

20 14. The outer layer body for the vegetation block according to claim 13, wherein the outer layer body is constituted by mixing thermoplastic polymer fibers in the fiber aggregate and then die-forming the mat-shaped
25 fiber aggregate into a shape similar to that of the outer surface of the block main body while heating the same.

 15. The outer layer body for the vegetation block according to claim 13 or 14, characterized in that
30 natural rubber is sprayed to the mat-shaped fiber

aggregate.

16. The outer layer body for the vegetation
block according to any one of claims 13 to 15,
5 characterized in that the fiber aggregate contains at
least one of plant seeds, a fertilizer, and a water
retainer.

17. The outer layer body for the vegetation
10 block according to claim 16, characterized in that paper
pulp is used as the water retainer.

18. The outer layer body for the vegetation
block according to any one of claims 13 to 17,
15 characterized in that vegetable fibers are used as fibers
of the fiber aggregate.